Each

Monday, 11/6/2006 2:40:16 PM Date: Kim Johnston Uşer: **Process Sheet** : 206/OH-58 SADDLE, INBOARD, LEFT SIDE **Drawing Name** Customer : CU-DAR001 Dart Helicopters Services Job Number : 29349 **Estimate Number** : 10836 : D29391 :NIA **Part Number** P.O. Number : D2939 REV B S.O. No. : HIM **Drawing Number** : 11/6/2006 This Issue : N/A **Project Number** Prsht Rev. : NC : MACHINED PARTS **Drawing Revision** First Issue Type :44: : 28922 Material **Previous Run** : 11/24/2006 Qty: **Due Date** Written By Checked & Approved By New DWG rev (mpp 2069) EC Comment : Est: Additional Product Job Number: Description: **Machine Or Operation:** Seq. #: 7075-T7351 2X6X6.25 1.0 D6101001 1.0000 Each(s)/Unit Total: 10.0000 Each(s) Comment: Qty.: Issue material from stock: 7075-T7351 QQ-A-250/12 Cut Size 2.0 x 6.25 X 6.00 Grain Along Long 6.00 Length Batch No: スコッシャス HAAS CNC VERTICAL MACHINING #1 2.0 HAAS1 Comment: HAAS CNC VERTICAL MACHINING #1 Program part number and batch number. 1-Inspect part number and batch number are programmed correctly. 2-Machine Step No 1 of Folio and visually inspect as per dwg D2939 & attached Dimension Sheet 3-Machine Step No 2 of Folio and visually inspect as per dwg D2939 & attached Dimension Sheet 4-Machine Step No 3 of Folio and visually inspect as per dwg D2939 & attached Dimension Sheet 5-Deburr MILLING CONV. CONVENTIONAL MILLING MACHINE 3.0

Comment: CONVENTIONAL MILLING MACHINE

Machine Keyway and inspect per attached dimension sheet

4.0 QC1 INSPECT ALL DIM TO DIM SHEET

Comment: INSPECT ALL DIM TO DIM SHEET

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Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES								
DATE	STEP	PROCEDURE CHANGE		Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector		
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Part No:	PAR #:	Fault Category:	N	CR: Yes No	DQA:	Date: <u>Oblu</u> /6
				QA: N/C C	losed:	Date:

NCR:		WORK ORDER NON-CONFORMANCE (NCR)										
		Description of NC		Corrective Action Section B	Verification	Approval	Approval QC Inspector					
DATE	STEP	Section A	Initial Action Description Sign 8 Chief Eng Chief Eng Date		Sign & Date	Section C		Chief Eng				
66. <i>11.1</i> 7	7	TOOL RAD FOR FLANGE PECKETING IS ROUBE INSTEAD OF ROIZS	49 66/1.17 per 05/042	USE RO.188 FOR POCKETING PER MARKED UP DWG. SEE D.S. EMPIL	811118	Malilia	66.11.17 pr 05)042	11.17				
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NOTE: Date & initial all entries

Date: Monday, 11/6/2006 2:40:17 PM User: Kim Johnston **Process Sheet** Drawing Name: 206/OH-58 SADDLE, INBOARD, LEFT SIDE Customer: CU-DAR001 Dart Helicopters Services Part Number: D29391 Job Number: 29349 Job Number: Description: Seq. #: **Machine Or Operation:** SECOND CHECK 5.0 QC8 Comment: SECOND CHECK HAND FINISHING1 HAND FINISHING RESOURCE #1 6.0 F.C. Comment: HAND FINISHING RESOURCE #1 X 12 Acid etch and Alodine as per QSI 005 4.1 POWDER COATING POWDER COATING 7.0 Comment: POWDER COATING Powder Coat White Gloss (Ref: 4.3.5.1) as per QSI 005 4.3 INSPECT POWDER COAT/CHEMICAL CONVERSION 8.0 QC3 Comment: INSPECT POWDER COAT PACKAGING 1 9.0 Comment: PACKAGING RESOURCE #1 Identify and Stock Location: 10.0 QC21 Comment: FINAL INSPECTION/W/O RELEASE CL06/11/28 Job Completion

Dart Ae	rospace	e Ltd							
W/O:		-	W	ORK ORDER CHANGE	S	1,			
DATE	STEP	PROCEDURE CHANGE			Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
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Part No	!	PAR #:	Fault Cat	egory:	NCR: Yes	No DQ	A:	Date:	
		•			QA: N	I/C Close	d:	_ Date: _	<u> </u>
NCR:			WORK OR	DER NON-CONFORMAN	NCE (NCF	₹)			
		Description of NC		Corrective Action Section	В	Vorifi	cation	Approval	Approval
DATE	STEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sign 8 Date	Sect	ion C	Chief Eng	QC Inspector
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NOTE: Date & initial all entries

DART AEROSPACE LTD	Work Order:	29349
Description: 206 Saddle, Inboard, Left side	Part Number:	D2939-1
Inspection Dwg: D2939 Rev. B		Page 1 of 1

Inspect dimensions highlighted on inspection sheet drawing D2939 Rev. B and record below:

				Red	corded Actu	ıal Dimensi	ons		
Dim	Min	Max	Go/No Go Gauge	1	2	3	4	Ву	Date
A	0.100	0.140		125	.125	-125	.126		
В	0.100	0.140		-124	.126	.124	.126		
С	0.100	0.140		-113	120	~ 26	120		
D	0.210	0.230		219	-215	-219	.2/8		
E	1.245	1.255		1.208	1,200	1:20	1.250		
F	1.245	1.255		1,250	1.250	1,250	1,20		
G	2.495	2.505		2.500	2/500	2,500	2,500)		
Н	0.510	0.515		-514	.514	-514	.517		
1	1.572	1.582		1577	1,577	1.577	1.577		
J	2.495	2.505		2,501	7.501	2.501	2.501		
K	0.257	0.262	D10003	.258	-25	-208	. 258		
L	0.312	0.317	DT8686	314	-314	-317	-3/4		
M	0.235	0.240		-137	-237	1237	237		
N	0.100	0.140		.120	-121	.120	120		
0	0.540	0.560		~550	-550	-53C	-548		
Р	0.490	0.510		.488	~ 478	-455	-422		
Q	3.715	3.725		3.720	3,726	3.720	3,720		
R	2.720	2.760		2 740	2/440	2448	2.740		
S	0.240	0.270		-250	•249	-250	-250		
T	0.100	0.180		-140	-140	140	140		
U	1.625	1.635		1.630	1.630	1,638	1.629		
V	1.362	1.372		1.364	1.367	1367	1368		
W	0.316	0.321	DT8600	.320	320	,320	.320		
X	1.250	1.270		1.2/18	1.260	1.237	1259		
Υ	1.565	1.585	DT8695 A/B						
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AA									
AB									
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AD									
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AH									
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Measured by: \(\sum \)	Audited by	gne
Date: 06.11./%	Date:	06/11/22

Rev	Date	Change	Revised by	Approved
Α		New Issue	RF	
В	02.12.12	Reformat; Added Dim. X-Y, DT8683, DT8686, DT8690 & DT8695 A/B	KJ/RF :	#

DART AEROSPACE LTD	Work Order:	29349
Description: 206 Saddle, Inboard, Left side	Part Number:	D2939-1
Inspection Dwg: D2939 Rev. B		Page 1 of 1

Inspect dimensions highlighted on inspection sheet drawing D2939 Rev. B and record below:

				Red	orded Actu	al Dimensi	ons		
Dim	Min	Max	Go/No Go Gauge	1	2	3	4	Ву	Date
Α	0.100	0.140		-125	125	-125	-/2/		
В	0.100	0.140		-125	.125	-125	,/22		
С	0.100	0.140		.//9	1119	1120	.120		
D	0.210	0.230		-219	.219	.219	-219		
E	1.245	1.255		1.250	1,250	1,25g	1206		
F	1.245	1.255		1,250	1,250	1,248	42 SG		
G	2.495	2.505		2,500	2.500	2.500	J. 100		
H	0.510	0.515		1514	-614	V12,	-514		
1	1.572	1.582		1577	1.577	1577	1.571		
J	2.495	2.505		2.300	2.5	2.501	7200		
K	0.257	0.262	DT8683	258	-238	1235	.258		
L	0.312	0.317	D18686	.314	-314	.31-1	1314		
	0.235	0.240		-231	-237	231	-231		
N	0.100	0.140		121	(120	-/20	.1205		
0	0.540	0.560	, ,	.530	. 530	-556	-558		
P	0.490	0.510		-495	.499	600	.499		
Q "	3.715	3.725		3.720	3.720	3,720	3,720		
R	2.720	2.760		2.750	2.448	2,740	2,740		
S	0.240	0.270		-248	248	250	·200		
Ť	0.100	0.180		140	- 140	77	.140		
Ü	1.625	1.635		1,630	1.630	1520	1.630		
V	1.362	1.372		1367	1.367	1,367.	1,317		
w	0.316	0.321	DT8690	.320	-320	·370	320		
X	1.250	1.270		12555	1.235	1.2595	1.260		
Y	1.565	1.585	DT8695 A/B						
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7311	Acc	ept/Reje	ct						

Measured by:	50	Audited by	
Date:	06.11.15	Date:	06/11/22

Rev	Date	Change	Revised by	Approved
Α		New Issue	RF	
В	02.12.12	Reformat; Added Dim. X-Y, DT8683, DT8686, DT8690 & DT8695 A/B	KJ/RF	#

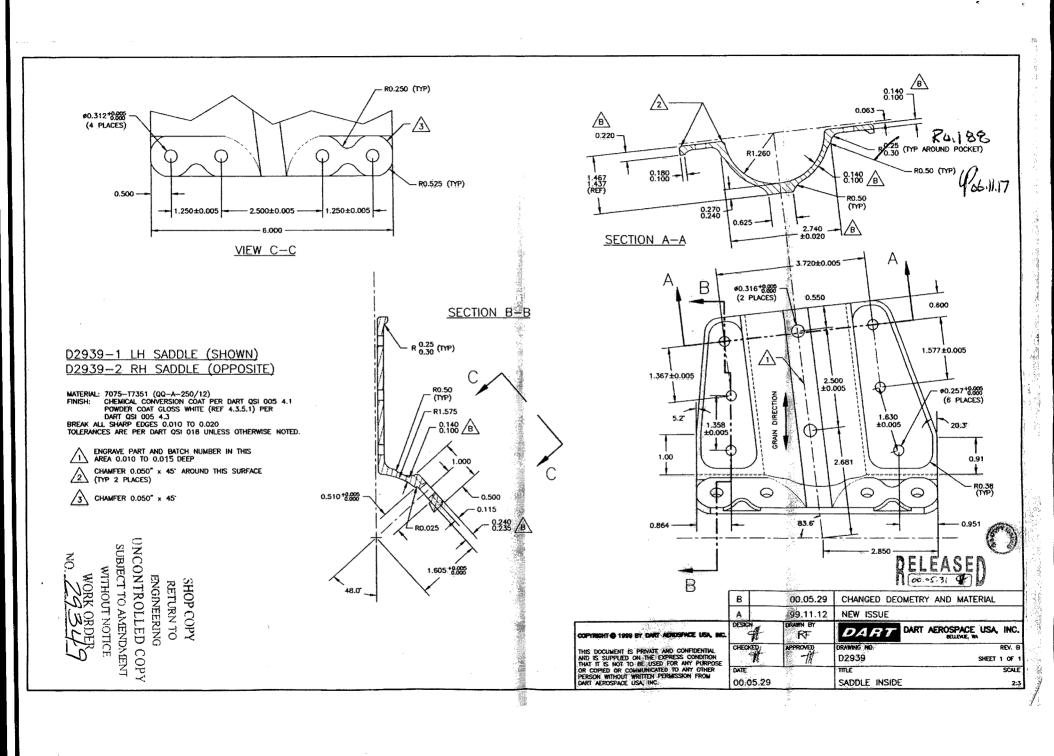
DART AEROSPACE LTD	Work Order:	29349
Description: 206 Saddle, Inboard, Left side	Part Number:	D2939-1
Inspection Dwg: D2939 Rev. B		Page 1 of 1

Inspect dimensions highlighted on inspection sheet drawing D2939 Rev. B and record below:

		Recorded Actual Dimensions							
Dim	Min	Мах	Go/No Go Gauge	1	2	3	4	Ву	Date
Α	0.100	0.140		122.	-/22	122	.122		
В	0.100	0.140		127	-/22	./22	121		
С	0.100	0.140		.118	-115	. 118	.115		
D	0.210	0.230		.219	.215	,220	\77B		
E	1.245	1.255		1,288	1,238	1250	4288		
F	1.245	1.255		1250	1,250	1-250	いろうない		
G	2.495	2.505		2 400	3.200	2000	3.00		
H	0.510	0.515		-514	-514	-514	-514		
l	1.572	1.582		1577	1547	1.577	1.577		
J	2.495	2.505		7.500	J 1209	7.500	2:500		
K -	0.257	0.262	DT8683	.258	1200	.235	1250		
L	0.312	0.317	D T8686 —	.314	しゃ	-717	1314		
М	0.235	0.240		· 137	.234	234_	237		
N	0.100	0.140		.121	120	12]	157		
0	0.540	0.560		022.	.548	.548	1545		
Р	0.490	0.510		000	.499	600	.420		
Q	3.715	3.725		3,120	とせる	3,720	3.750		
R	2.720	2.760		2.7 40	2.740	2.740	2,440		
S	0.240	0.270		/25Å	-24C	250	200		
T	0.100	0.180		176	170	170	140		
U	1.625	1.635		1630.	1,630	1.630	1,630		
V	1.362	1.372		1.367	1367	1.367	1.367		
W	0.316	0.321	DI8690	- 370	·359	.320	320		
Х	1.250	1.270		1.257	1.259	1.261	1.2595		
Υ	1.565	1.585	DT8695 A/B						
Z									
AA									
AB									
AC									
AD						<u> </u>			
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Measured by: 50	Audited by	The
Date: 06.11.20	Date:	06/11/22

Rev	Date	Change	Revised by	Approved
Α		New Issue	RF	
В	02.12.12	Reformat; Added Dim. X-Y, DT8683, DT8686, DT8690 & DT8695 A/B	KJ/RF	#



Chris Provencal

From: David Shepherd [dshepherd@dartaero.com]

Sent: October 19, 2006 3:31 PM

To: 'S Shahbazian'

Cc: 'Provencal, Chris'; 'Charbonneau, Eric'

Subject: RE: Radius dimension on the saddle

Change the drawings. I guess we will also change the 0.313 crosstube hole dimensions as well. See D2661 to D2668 as well as D2932 to D2933.

David

From: S Shahbazian [mailto:sshahbazian@dartaero.com]

Sent: Thursday, October 19, 2006 1:16 PM

To: Shepherd, David

Cc: Provencal, Chris; Charbonneau, Eric **Subject:** Radius dimension on the saddle

Dave,

On attach saddle drawing, according to Eric the marked-up radius that reads 0.30 and 0.25, should be 0.188 since the tooling has been changed long time ago, and apparently they have been machining those radiuses to 0.188 for a while. Do you see a problem with that? if not I will go ahead and change the drawing to reflect the changes.

Serge

No virus found in this incoming message.

Checked by AVG Free Edition.

Version: 7.1.408 / Virus Database: 268.13.7/488 - Release Date: 10/19/2006

No virus found in this outgoing message.

Checked by AVG Free Edition.

Version: 7.1.408 / Virus Database: 268.13.7/488 - Release Date: 10/19/2006